

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000487

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A62C 2/08, A62C 31/02, B05B 1/04, A62C 31/22, A62C 27/00, A62C 39/00
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A62C, B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,N0 classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, FULLTEXT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1369145 A1 (BRONTO SKYLIFT OY AB), 10 December 2003 (10.12.2003), figures 1,8, claims 1-11, column 6 paragraph (0024) - column 7 (0025) --	1-13
A	US 5301756 A (ROBERT G. RELYEA ET AL), 12 April 1994 (12.04.1994), column 3, line 27 - line 58, figures 12-14, claims 1-3 --	1-3
A	US 2993650 A (H.W. BADBERG), 25 July 1961 (25.07.1961), column 1, line 6 - line 33, figures 4-6, claim 1 --	1-13

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
"B" earlier application or patent but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

23-11-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5253716 A (WALLACE F. MITCHELL), 19 October 1993 (19.10.1993), column 1, line 49 - column 3, line 68, figures 1-2,6, claims 1-3 --	1-13
A	US 5913367 A (LAWRENCE M. HAMPTON), 22 June 1999 (22.06.1999), column 4, line 9 - line 60, figures 1,2, claims 1-3, abstract --	1-13
A	US 4485877 A (STEWART G. MCMILLAN ET AL), 4 December 1984 (04.12.1984), column 1, line 14 - line 68, figures 8-9 --	1-13
A	File EPODOC/EPO, ZHANG LIGUO: "Water curtain device for fire-fighting", CN,20020135284, 20020726, see fig. 1, abstract -- -----	1-13

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/10/2004

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EP	1369145	A1	10/12/2003	FI	113623 B	00/00/0000
				FI	20021060 A	04/12/2003
				US	6755259 B	29/06/2004
				US	20030230414 A	18/12/2003

US	5301756	A	12/04/1994	CA	2067649 A,C	02/01/1993
				US	5211245 A	18/05/1993

US	2993650	A	25/07/1961	NONE		

US	5253716	A	19/10/1993	NONE		

US	5913367	A	22/06/1999	NONE		

US	4485877	A	04/12/1984	NONE		
